



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101828 S31
Source: EF Bio
Date Processed by STIC: 8/13/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> 101828,531
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (ii) SEQUENCE DESCRIPTION: SEQ ID NO X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents	
10 <input checked="" type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/828,531

DATE: 08/13/2004

TIME: 16:08:29

Input Set : A:\NASA00301.ST25.txt
 Output Set: N:\CRF4\08132004\J828531.raw

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3 <110> APPLICANT: Atassi, M. Z.
4      Morrison, D. R.
6 <120> TITLE OF INVENTION: Molecular-specific Urokinase Antibodies
8 <130> FILE REFERENCE: MSC-21947-1-CU
10 <140> CURRENT APPLICATION NUMBER: 10/828,531
11 <141> CURRENT FILING DATE: 2004-04-14
13 <160> NUMBER OF SEQ ID NOS: 17
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 15
19 <212> TYPE: PRT
20 <213> ORGANISM: Peptide
22 <400> SEQUENCE: 1
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25   1           5           10          15
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40 <211> LENGTH: 10
41 <212> TYPE: PRT
42 <213> ORGANISM: Peptide
44 <400> SEQUENCE: 3
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47   1           5           10
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 11
52 <212> TYPE: PRT
53 <213> ORGANISM: Peptide
55 <400> SEQUENCE: 4
57 Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp Cys
58   1           5           10
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 10
63 <212> TYPE: PRT
64 <213> ORGANISM: Peptide
66 <400> SEQUENCE: 5
68 Cys Met Val His Asp Gly Ala Asp Gly Lys
69   1           5           10

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Does Not Comply
 Corrected Diskette Needed
 (PJ-TS) ↵

← Mandatory

<213> response
 has to be
either artificial
Unknown or
Genus/
Species.

↑ Please see item # 10 for all
errors above, on error
 summary sheet.

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Input Set : A:\NASA00301.ST25.txt
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72 <210> SEQ ID NO: 6
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80 1 5
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 13
85 <212> TYPE: PRT
86 <213> ORGANISM: Peptide
88 <400> SEQUENCE: 7
90 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys
91 1 5 10
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 11
96 <212> TYPE: PRT
97 <213> ORGANISM: Peptide
99 <400> SEQUENCE: 8
101 Cys Phe Ile Asp Tyr Pro Lys Lys Glu Asp Tyr
102 1 5 10
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106 <211> LENGTH: 12
107 <212> TYPE: PRT
108 <213> ORGANISM: Peptide
110 <220> FEATURE:
111 <221> NAME/KEY: Misc_Feature
112 <222> LOCATION: (4)..(6)
113 <223> OTHER INFORMATION: n = Anything
116 <400> SEQUENCE: 9
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119 1 5 10
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123 <211> LENGTH: 12
124 <212> TYPE: PRT
125 <213> ORGANISM: Peptide
127 <220> FEATURE:
128 <221> NAME/KEY: Misc_Feature
129 <222> LOCATION: (4)..(4)
130 <223> OTHER INFORMATION: n = anything
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136 1 5 10
139 <210> SEQ ID NO: 11
140 <211> LENGTH: 24
141 <212> TYPE: PRT
142 <213> ORGANISM: Peptide
144 <400> SEQUENCE: 11
146 Leu Ile Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu

```

"N's CAN NOT be represented in Amino Acid sequences."

"N's CAN NOT be represented in Amino Acid sequences."

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Input Set : A:\NASA00301.ST25.txt
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✓ SAME
errors

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147 1      5          10          15
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151           20
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156 <212> TYPE: PRT
157 <213> ORGANISM: Peptide
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160 <221> NAME/KEY: Misc_feature
161 <222> LOCATION: (7)..(7)
162 <223> OTHER INFORMATION: n = anything
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168 1      5          10
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 7
173 <212> TYPE: PRT
174 <213> ORGANISM: Peptide
176 <400> SEQUENCE: 13
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179 1      5
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 10
184 <212> TYPE: PRT
185 <213> ORGANISM: Peptide
187 <400> SEQUENCE: 14
189 Arg Pro Arg Phe Lys Ile Ile Gly Gly Glu
190 1      5          10
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194 <211> LENGTH: 10
195 <212> TYPE: PRT
196 <213> ORGANISM: Peptide
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201 1      5          10
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205 <211> LENGTH: 41
206 <212> TYPE: PRT
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210 <221> NAME/KEY: Misc_feature
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212 <223> OTHER INFORMATION: n = anything
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218 1      5          10          15
221 Gly Thr Cys Val Ser Asn Lys Tyr Phe Ser Asn Ile His Trp Cys Asn
222           20          25          30
225 Cys Pro Lys Lys Phe Gly Gln His Cys Glu Ile Asp Lys Ser Lys

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Input Set : A:\NASA00301.ST25.txt
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226	35	40	45	
229	Thr Cys Tyr Glu Gly Asn Gly His Phe Tyr Arg Gly Lys Ala Ser Thr			
230	50	55	60	
233	Asp Thr Met Gly Arg Pro Cys Leu Pro Trp Asn Ser Ala Thr Val Leu			
234	65	70	75	80
237	Gln Gln Thr Tyr His Ala His Arg Ser Asp Ala Leu Gln Leu Gly Leu			
238	85	90	95	
241	Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp			
242	100	105	110	
245	Cys Tyr Val Gln Val Gly Leu Lys Pro Leu Val Gln Glu Cys Met Val			
246	115	120	125	
249	His Asp Cys Ala Asp Gly Lys Lys Pro Ser Ser Pro Pro Glu Glu Leu			
250	130	135	140	
253	Lys Phe Gln Cys Gly Gln Lys Thr Leu Arg Pro Arg Phe Lys Ile Ile			
254	145	150	155	160
257	Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala Ala Ile			
258	165	170	175	
261	Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys Gly Gly Ser			
262	180	185	190	
265	Leu Ile Ser Pro Cys Trp Val Ile Ser Ala Thr His Cys Phe Ile Asp			
266	195	200	205	
269	Tyr Pro Lys Lys Glu Asp Tyr Ile Val Tyr Leu Gly Arg Ser Arg Leu			
270	210	215	220	
273	Asn Ser Asn Thr Gln Gly Glu Met Lys Phe Glu Val Glu Asn Leu Ile			
274	225	230	235	240
277	Leu His Lys Asp Tyr Ser Ala Asp Thr Leu Ala His His Asn Asp Ile			
278	245	250	255	
281	Ala Leu Leu Lys Ile Arg Ser Lys Glu Gly Arg Cys Ala Gln Pro Ser			
282	260	265	270	
285	Arg Thr Ile Gln Thr Ile Cys Leu Pro Ser Met Tyr Asn Asp Pro Gln			
286	275	280	285	
289	Phe Gly Thr Ser Cys Glu Ile Thr Gly Phe Gly Lys Glu Asn Ser Thr			
290	290	295	300	
293	Asp Tyr Leu Tyr Pro Glu Gln Leu Lys Met Thr Val Val Lys Leu Ile			
294	305	310	315	320
297	Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu Val Thr			
298	325	330	335	
301	Thr Lys Met Leu Cys Ala Ala Asp Pro Gln Trp Lys Thr Asp Ser Cys			
302	340	345	350	
305	Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Ser Leu Gln Gly Arg Met			
306	355	360	365	
309	Thr Leu Thr Gly Ile Val Ser Trp Gly Arg Gly Cys Ala Leu Lys Asp			
310	370	375	380	
313	Lys Pro Gly Val Tyr Thr Arg Val Ser His Phe Leu Pro Trp Ile Arg			
314	385	390	395	400
317	Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu			
318	405	410		
321	<210> SEQ ID NO: 17			
322	<211> LENGTH: 9			

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Input Set : A:\NASA00301.ST25.txt
Output Set: N:\CRF4\08132004\J828531.raw

323 <212> TYPE: PRT
324 <213> ORGANISM: Peptide
326 <400> SEQUENCE: 17
328 Ala Asp Asp Gly Lys Lys Pro Ser Ser
329 1 5

→ SAME ERROR

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/828,531

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Input Set : A:\NASA00301.ST25.txt

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